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DESCRIPTORS: Injuries, Vestibular nerve, Eye,
Muscular trauma, Ear, Head injuries

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Order from SLA \$11.60

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Trans. of Norsk Skogindustri (Norway) 1962, v. 11, no. 11, p. 158-169.

DESCRIPTORS: *Wood pulp, *Bleaching agents, Processing, Mechanical properties, *Sulfites.

An investigation was made of birch, aspen and alder, the material consisting of 10 to 12 logs of each wood type. The dry weight by volume of slices from each individual log was established. The digestion methods employed were: (1) an acid sulfite method (max. temp. 118°C) which was extremely mild as to temperature, with calcium as the base; (2) a more drastic acid sulfite method (135°C), with a calcium base; (3) sodium

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Vethe, A. and others.
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DESCRIPTORS: *Wood pulp, *Bleaching agents,
Processing, Mechanical properties, *Sulfites.

An investigation was made of the preparation and testing
of (1) 2-stage sodium-calcium cooks, weak alkali in the
first stage and acid in the second; (2) Sodium-bisulfite
cooks; and (3) mild conventional calcium sulfite cooks
(grease-proof pulp cooks). At the same chlorine number
(lignin content) the 2-stage sodium-calcium cooks give a
3 to 3.5% higher yield of non-sulfonated material.

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TIONS. 7p, *briefs*.
Order from SLA: \$1.10 as TT-65-13929

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flow, Gases, Temperature, Emissivity, Neutron trans-
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(Chemistry--Physical, TT, v. 8, no. 3)

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DESCRIPTORS: *Electrochemistry, Synthesis (Chem-
istry), Chemical reactions, Electrodes, Electric poten-
tial, Electric currents, Anodes, Cathodes, Oxidation-
reduction reactions, Reaction kinetics

Anodic and cathodic electrochemical reaction series
were determined from the concentration dependence of
the transfer over-voltage or the exchange current den-
sity. By means of these quantitative factors, the trans-
fer reaction, and, therefore, the excess charge at the
phase-boundary, were determined. The chemical reac-
(Chemistry--Physical, TT, v. 11, no. 3) (over)

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